V68a Near-infrared Absolute Calibration

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The 1–5 μ m absolute calibration has been approached by direct measurements and by models of α Lyr (Vega). I will discuss the unification of both methods and the uncertainties. In addition we have recently proposed a new set of ground-based infrared filters that minimizes the effects of the atmosphere. These filters are currently in use in Subaru infrared cameras. The effective wavelengths and flux density for zero magnitude will be discussed. Information on the filters can be found at: http://www.ifa.hawaii.edu/users/tokunaga/.